

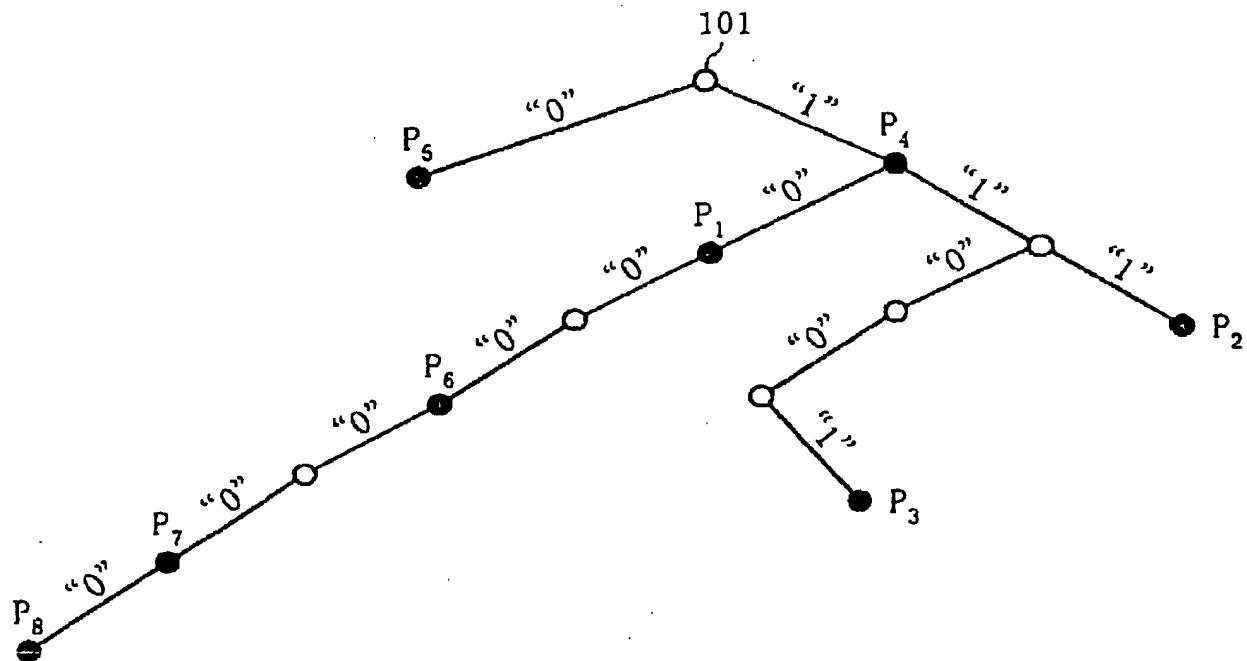
1/25

FIG. 1

$P_5 = 0*$
 $P_1 = 10*$
 $P_2 = 111*$
 $P_3 = 11001*$
 $P_4 = 1*$
 $P_6 = 1000*$
 $P_7 = 100000*$
 $P_8 = 1000000*$

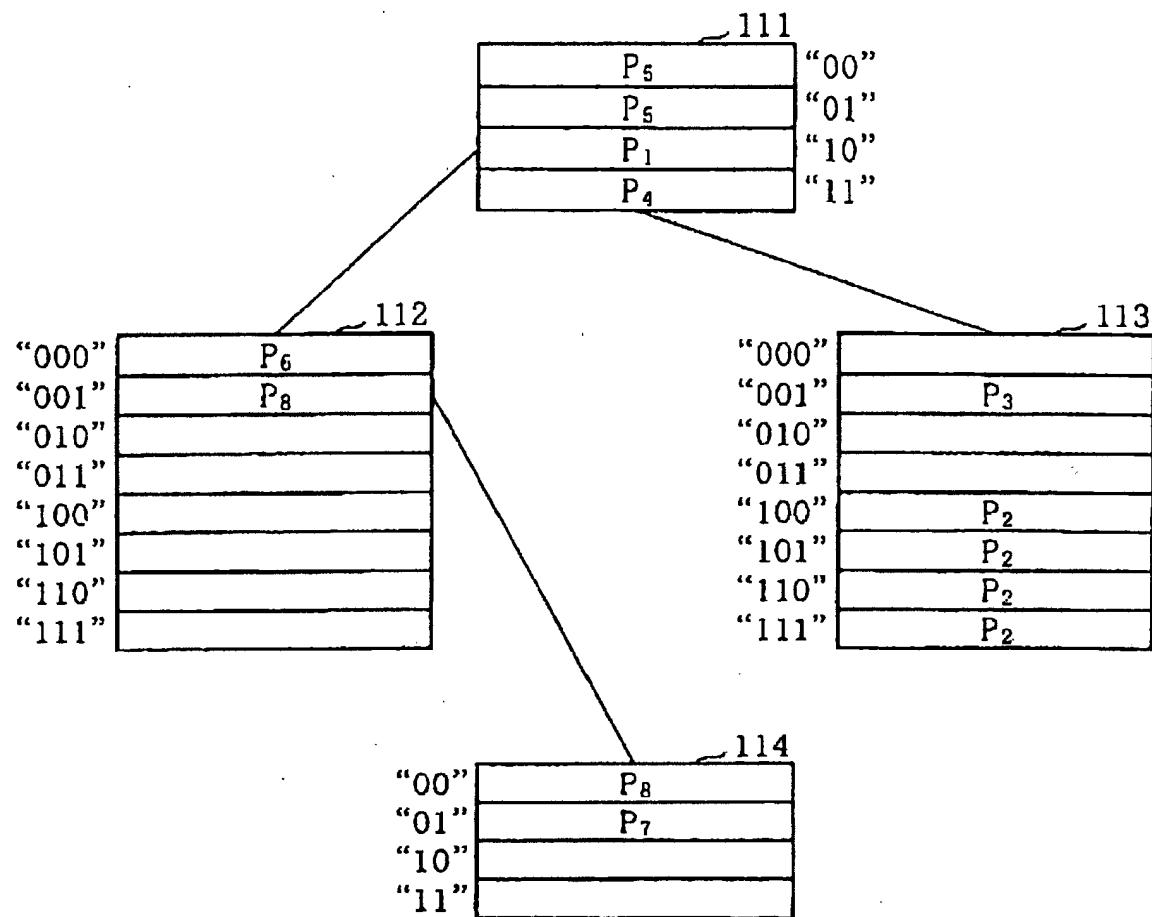
2/25

FIG. 2



3/25

FIG. 3



4/25

FIG. 4

Original	Expanded (3Levels)
$P_5 = 0*$	$00*(P_5)$
$P_1 = 10 *$	$01*(P_5)$
$P_2 = 111*$	$10*(P_1)$
$P_3 = 11001*$	$11*(P_4)$
$P_4 = 1*$	$11100*(P_2)$
$P_6 = 1000*$	$11101*(P_2)$
$P_7 = 100000*$	$11110*(P_2)$
$P_8 = 1000000*$	$11111*(P_2)$ $11001*(P_3)$ $10000*(P_6)$ $10001*(P_6)$ $1000001*(P_7)$ $1000000*(P_8)$

5/25

FIG. 5

$P_1 = 0$
 $P_2 = 010$
 $P_3 = 1010$
 $P_4 = 10$

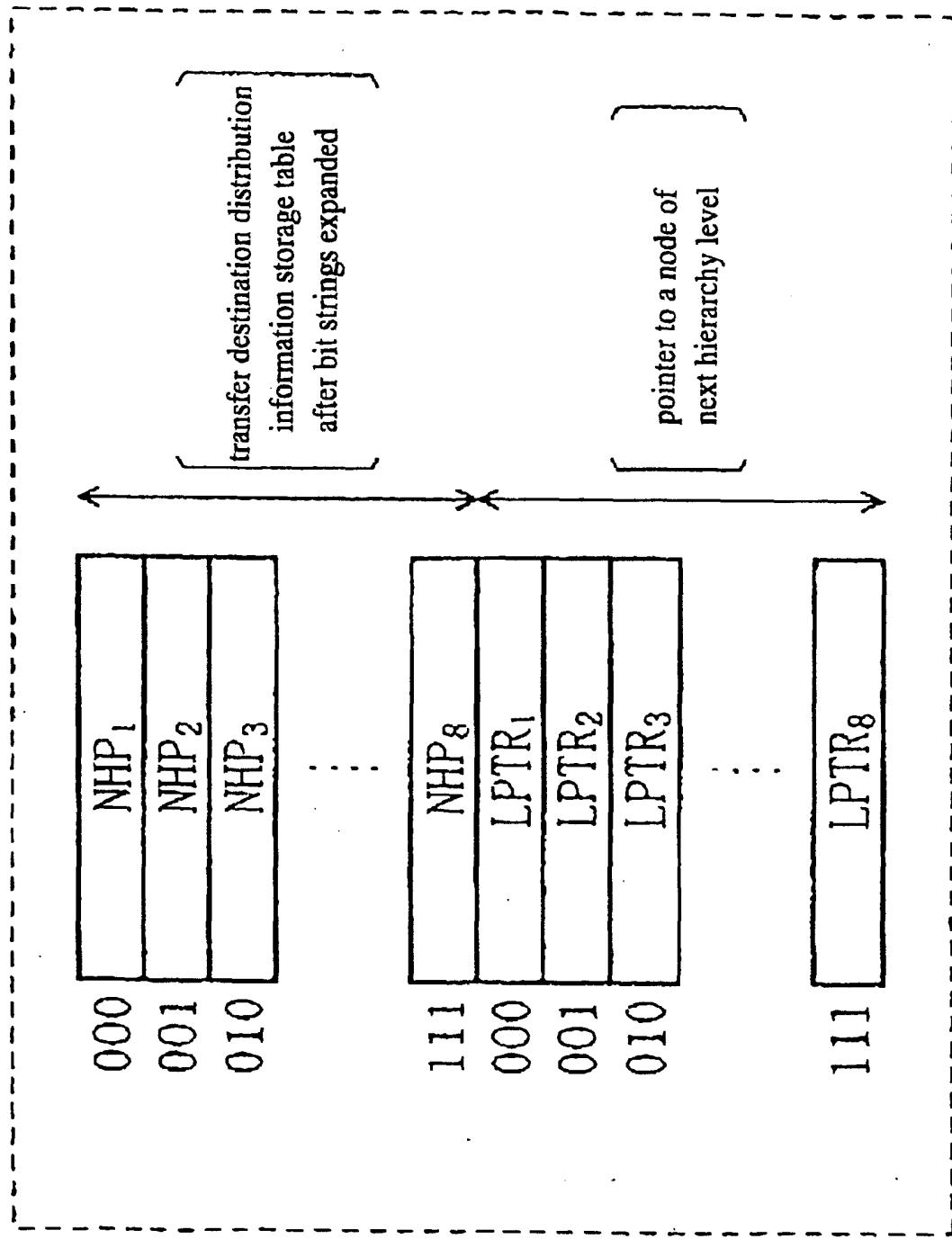
6/25

FIG. 6

“0000”	P ₁
“0001”	P ₁
“0010”	P ₁
“0011”	P ₁
“0100”	P ₂
“0101”	P ₂
“0110”	P ₁
“0111”	P ₁
“1000”	P ₄
“1001”	P ₄
“1010”	P ₃
“1011”	P ₄
“1100”	NULL
“1101”	NULL
“1110”	NULL
“1111”	NULL

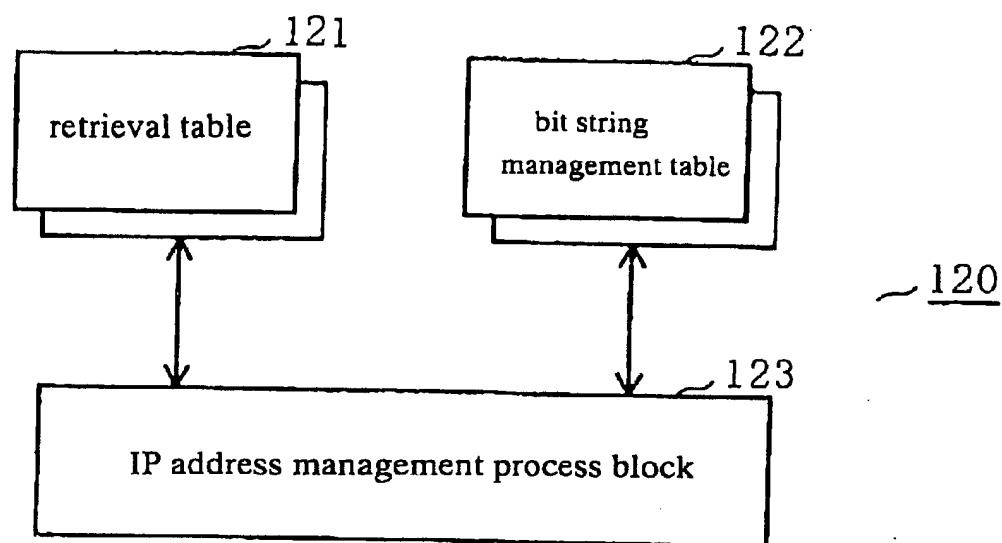
7/25

FIG. 7



8/25

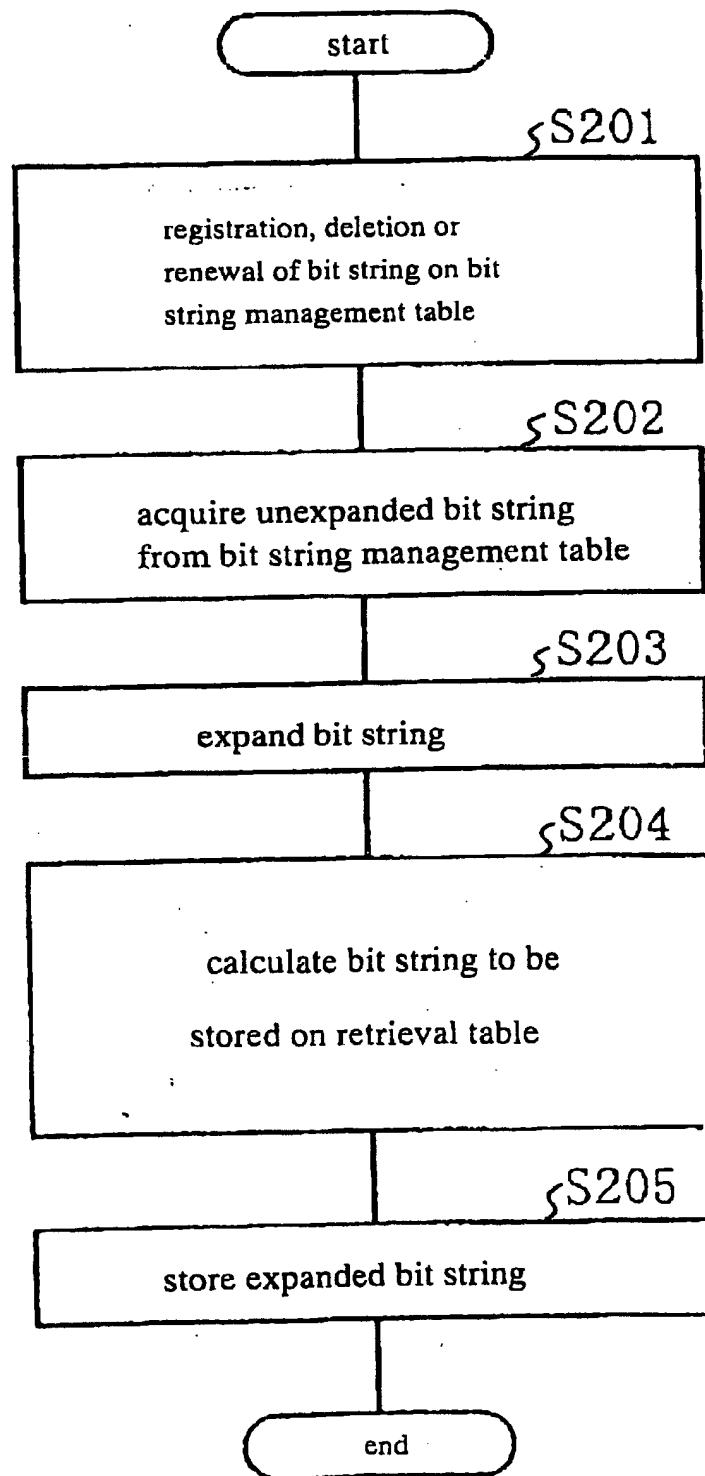
FIG. 8



9/25

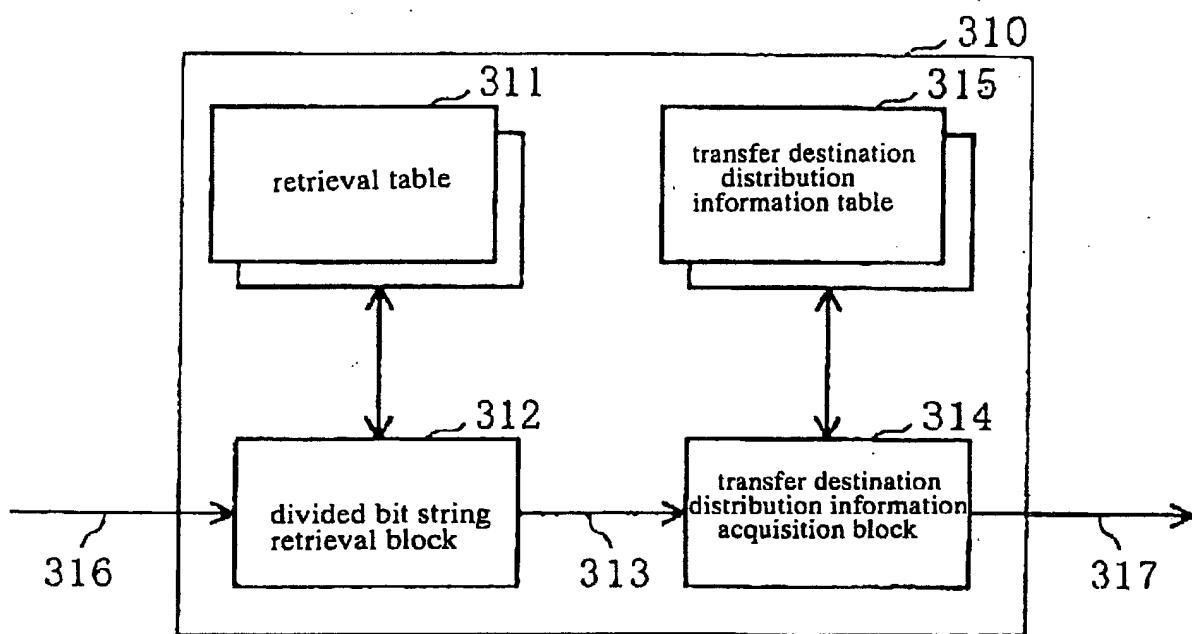
FIG. 9

(bit renewal process)



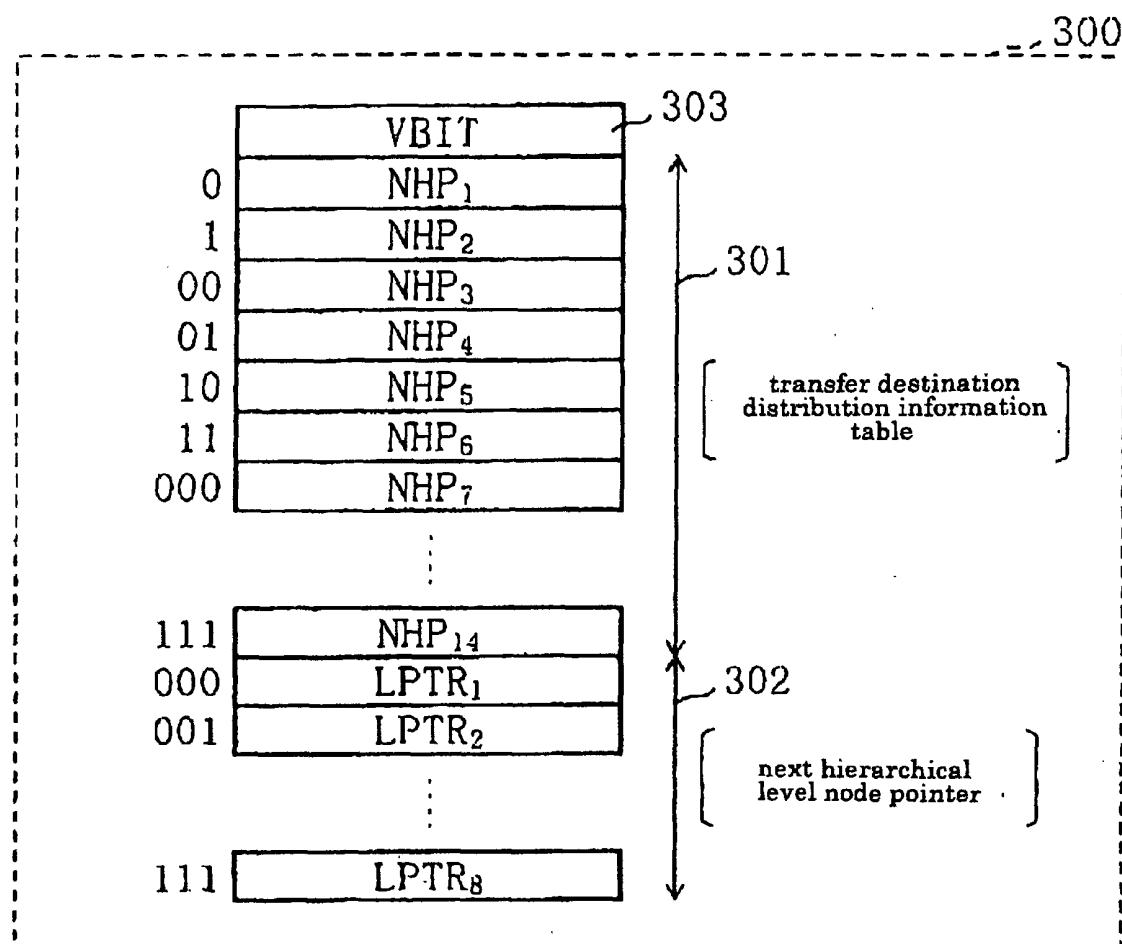
10/25

FIG. 10



11/25

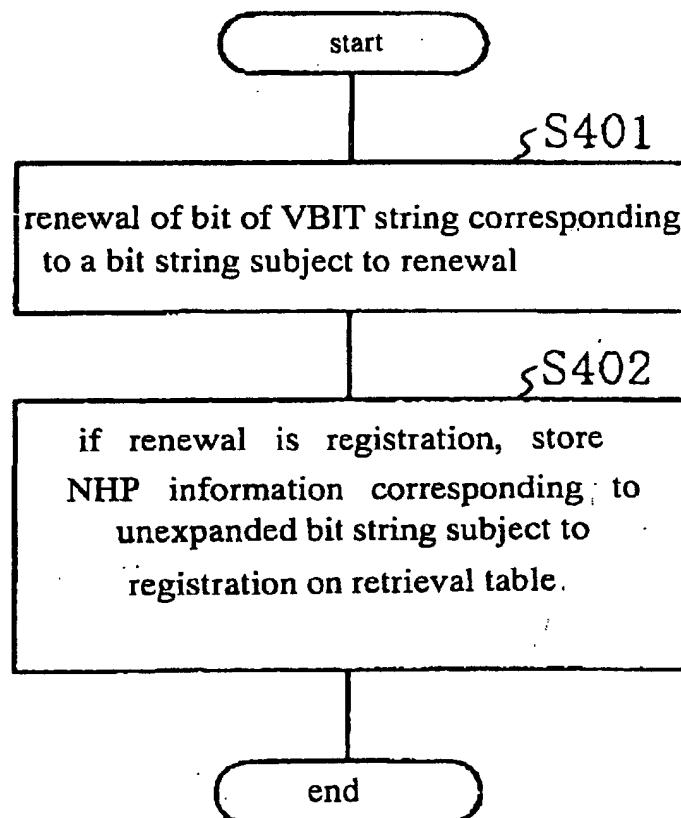
FIG. 11



12/25

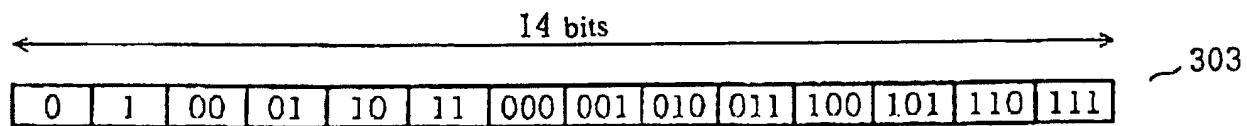
FIG. 12

(bit renewal process)



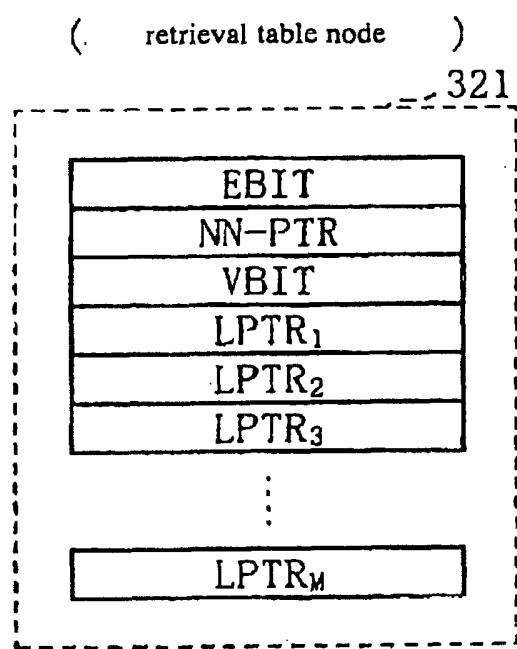
13/25

FIG. 13



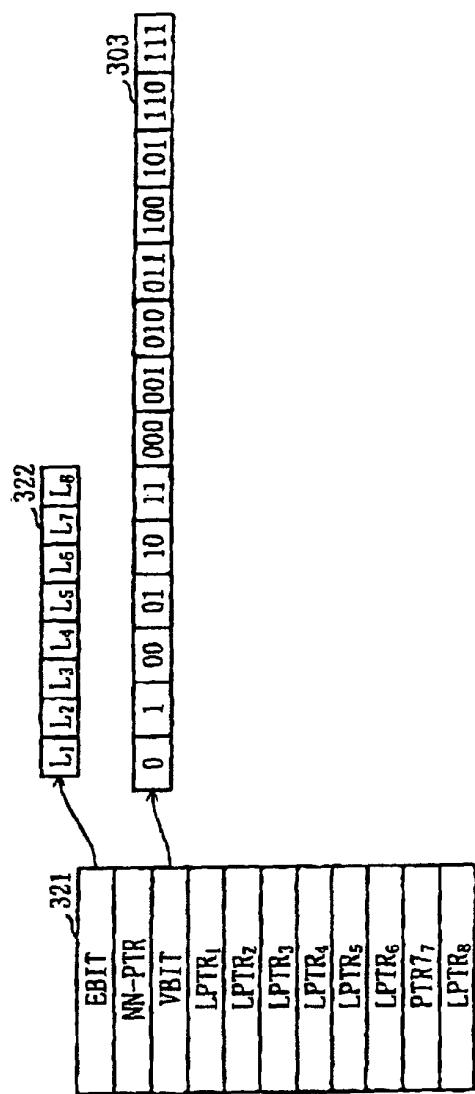
14/25

FIG. 14



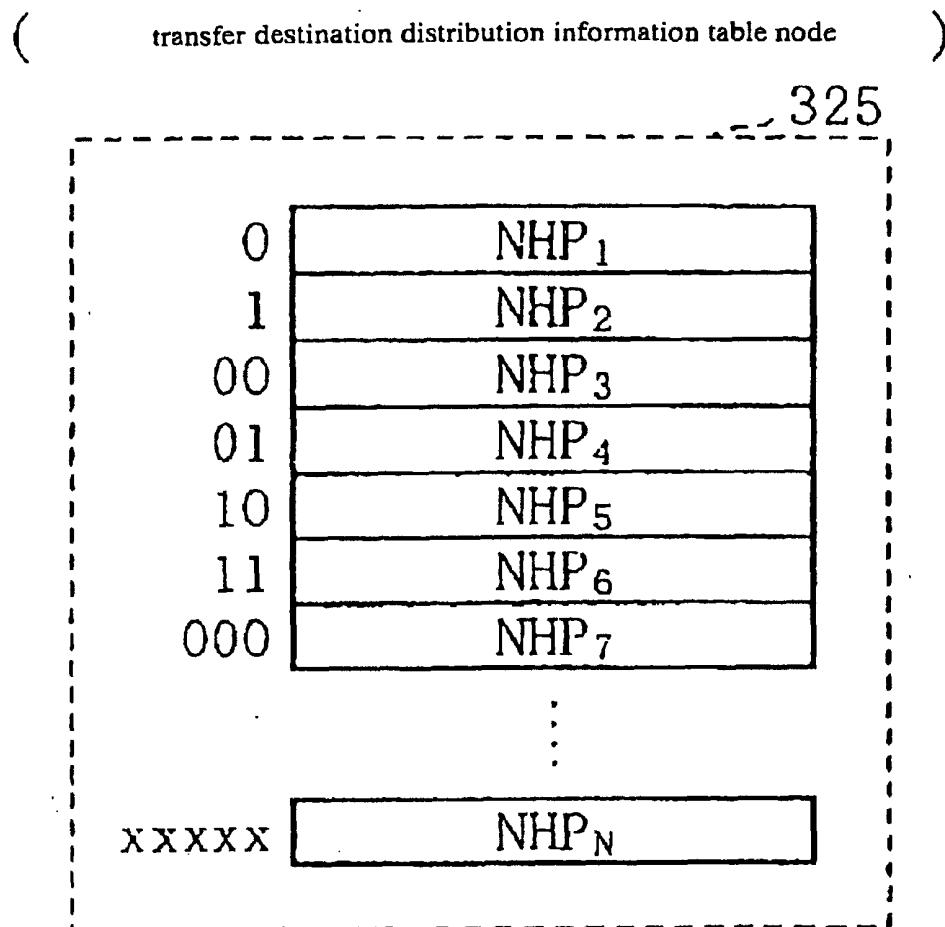
15/25

FIG. 15



16/25

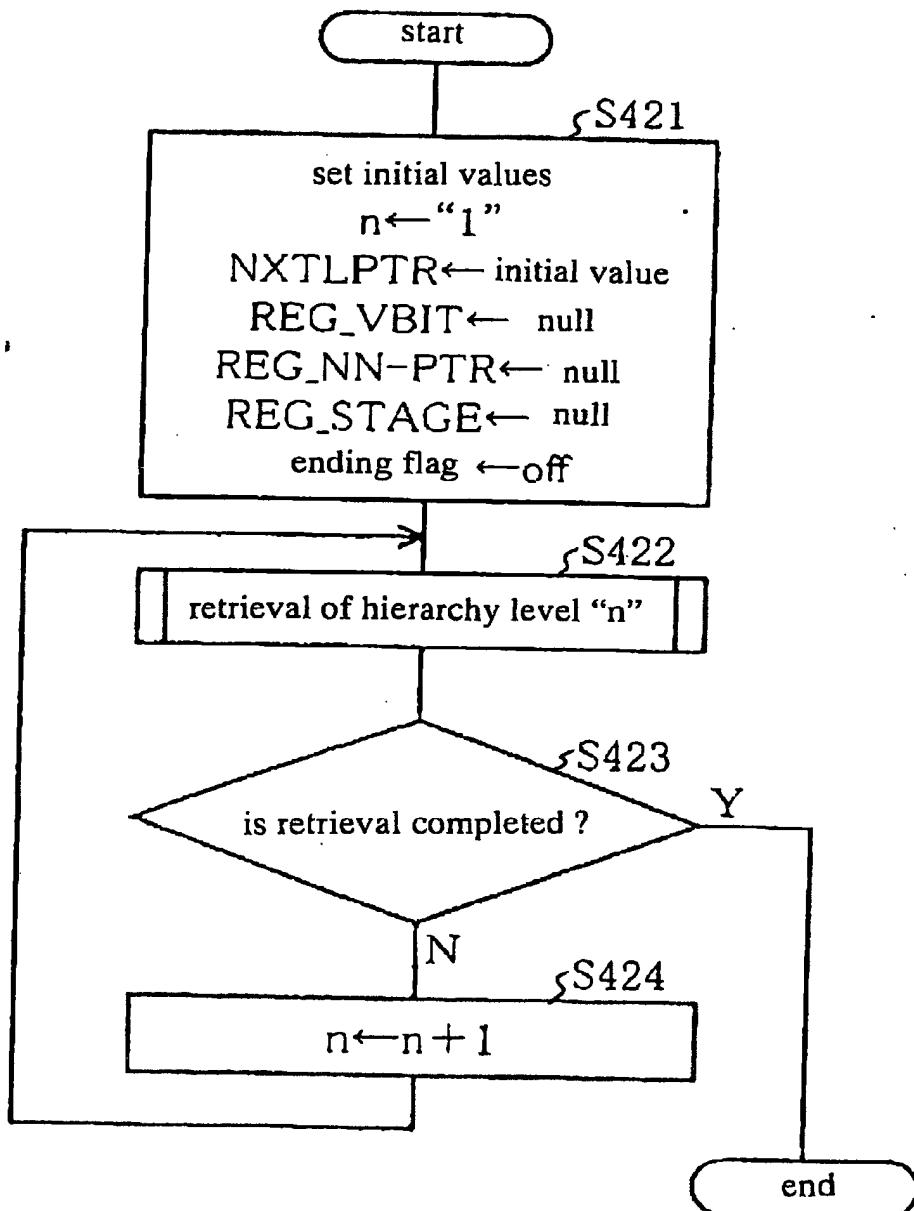
FIG. 16



17/25

FIG. 17

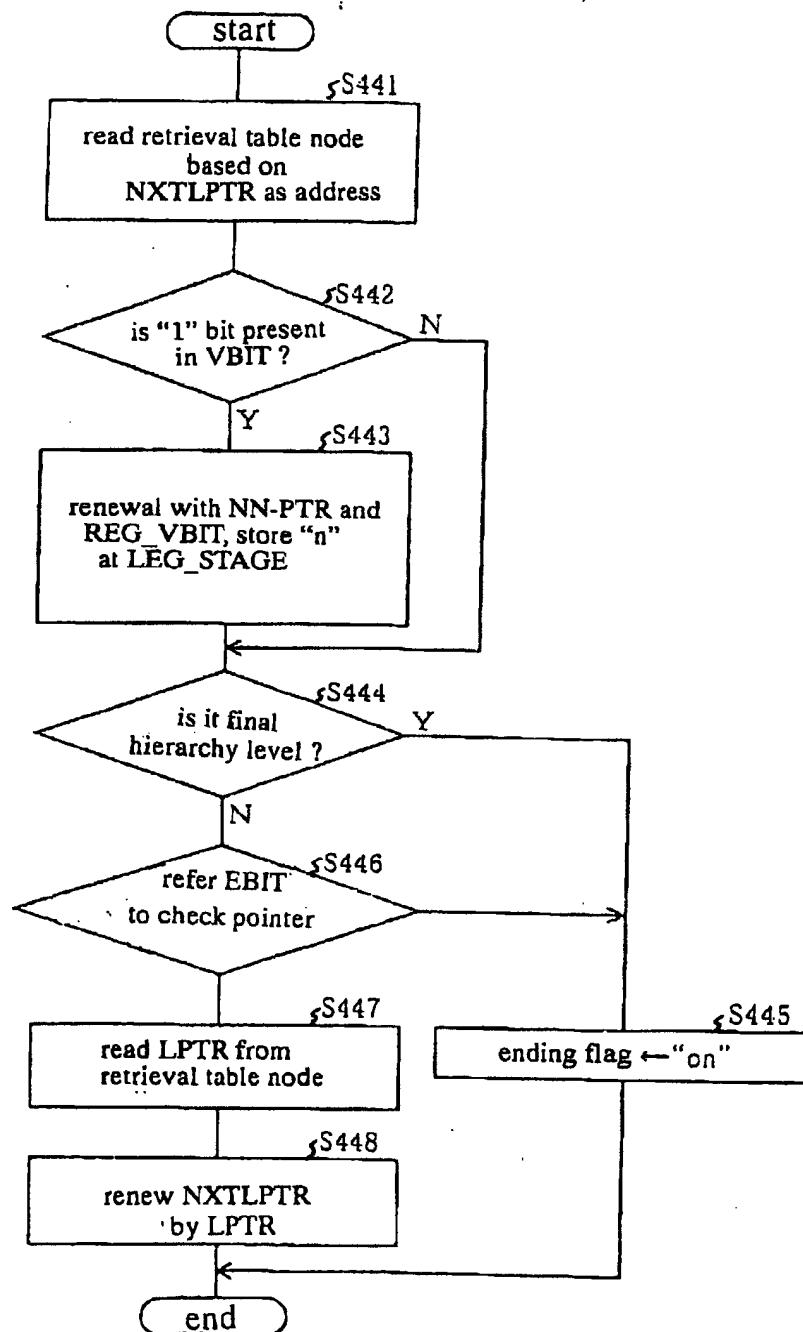
retrieval process for divided bit strings



18/25

FIG. 18

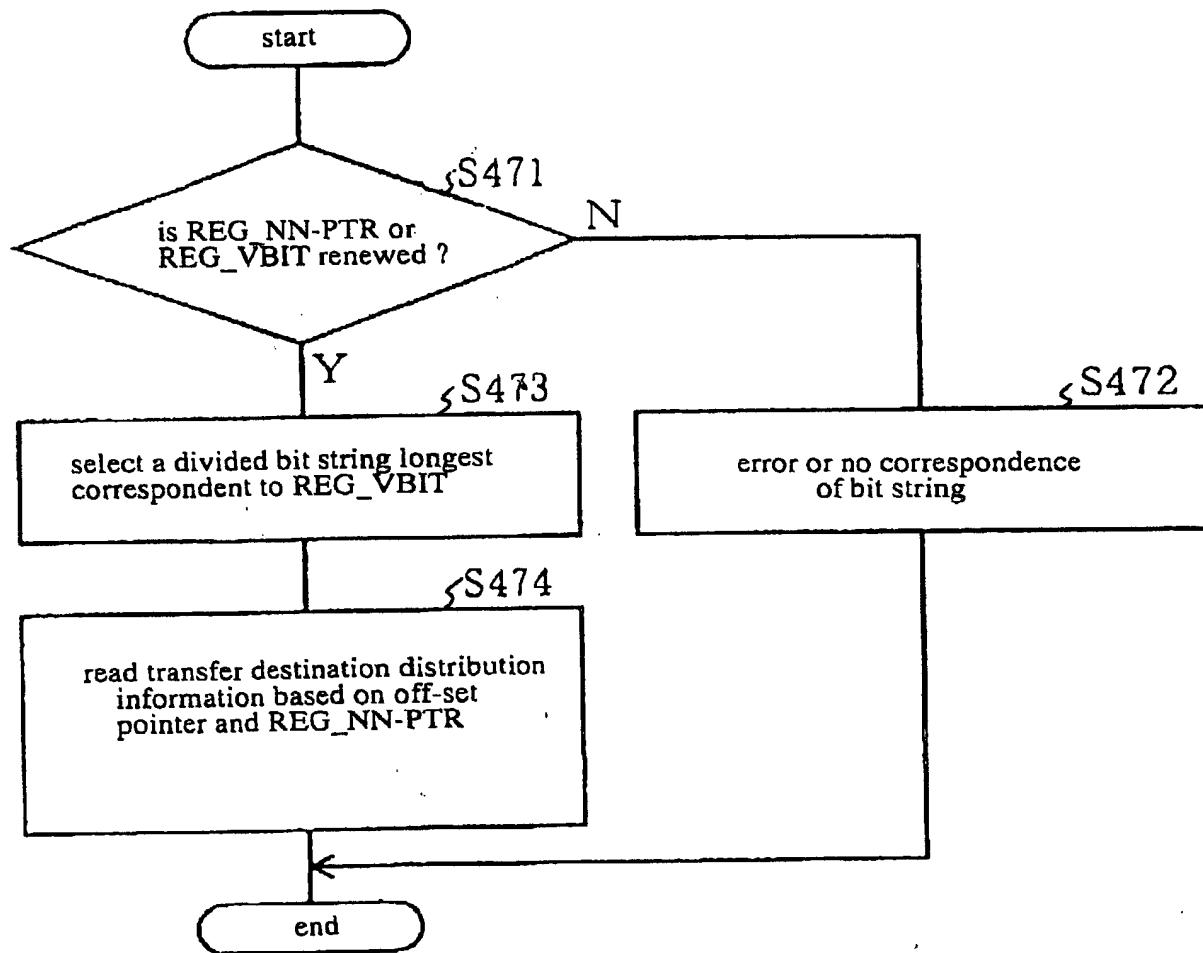
retrieval of hierarchy level "n"



19/25

FIG. 19

acquiring process for transfer destination distribution information



20/25

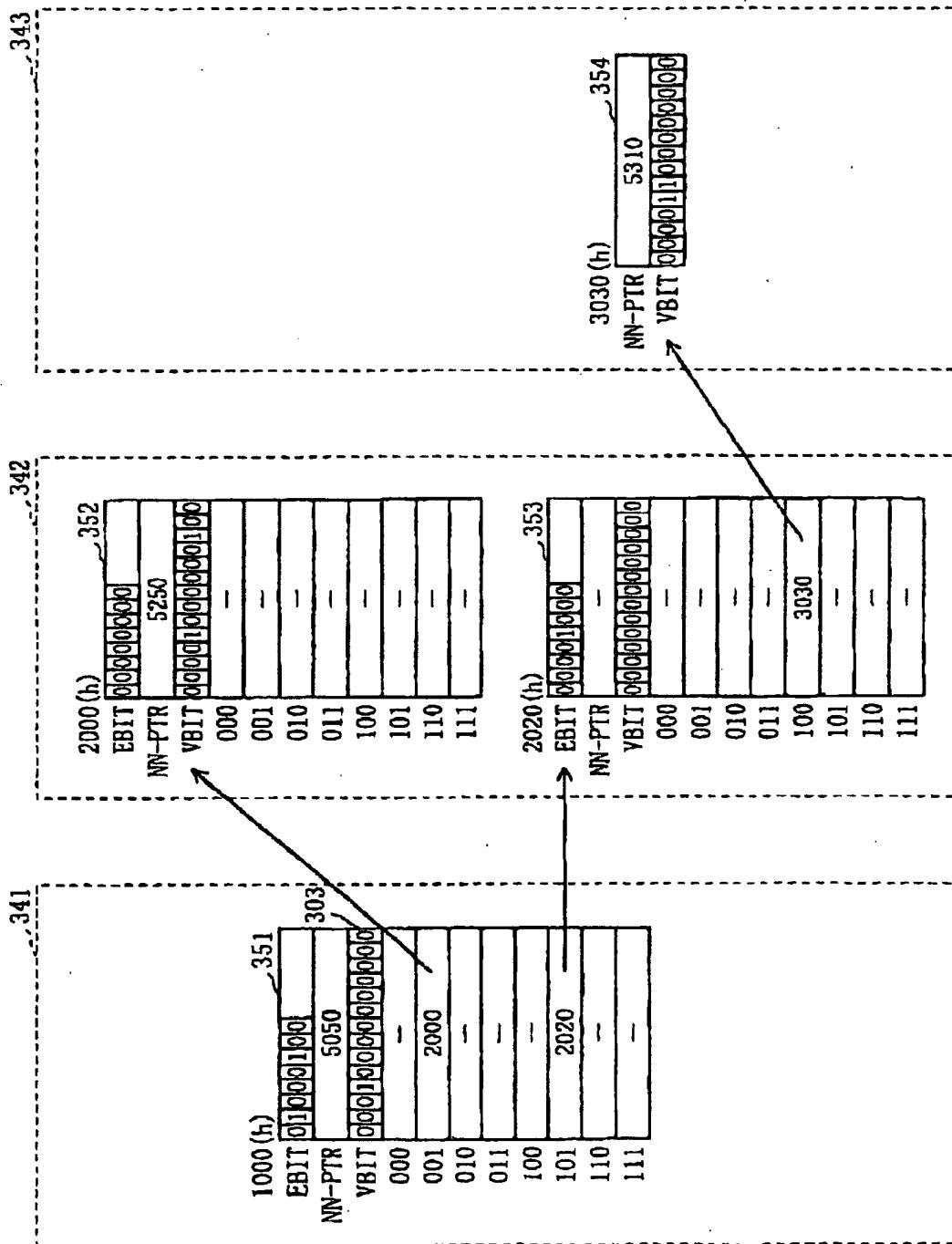
FIG. 20

311

$P_1 = 01$
$P_2 = 00110$
$P_3 = 001101$
$P_4 = 10110010$
$P_5 = 10110011$

21/25

FIG. 21



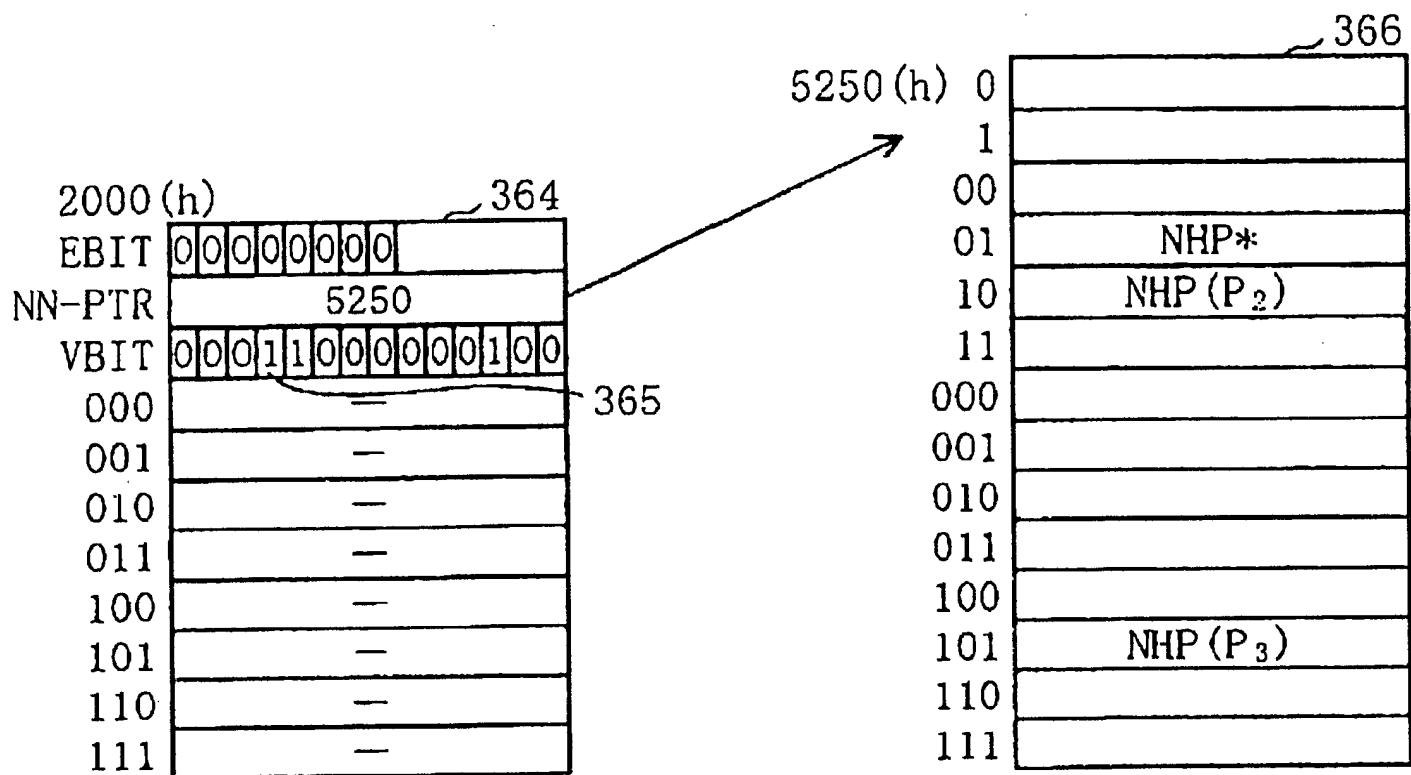
22/25

FIG. 22

5050 (h)	0	361
	1	
	00	
	01	NHP (P_1)
	10	
	11	
	000	
	001	
	010	
	011	
	100	
	101	
	110	
	111	
5250 (h)	0	371
	1	
	00	
	01	
	10	NHP (P_2)
	11	
	000	
	001	
	010	
	011	
	100	
	101	NHP (P_3)
	110	
	111	
5310 (h)	0	
	1	
	00	
	01	
	10	
	11	
	000	
	001	
	010	NHP (P_4)
	011	NHP (P_5)
	100	
	101	
	110	
	111	

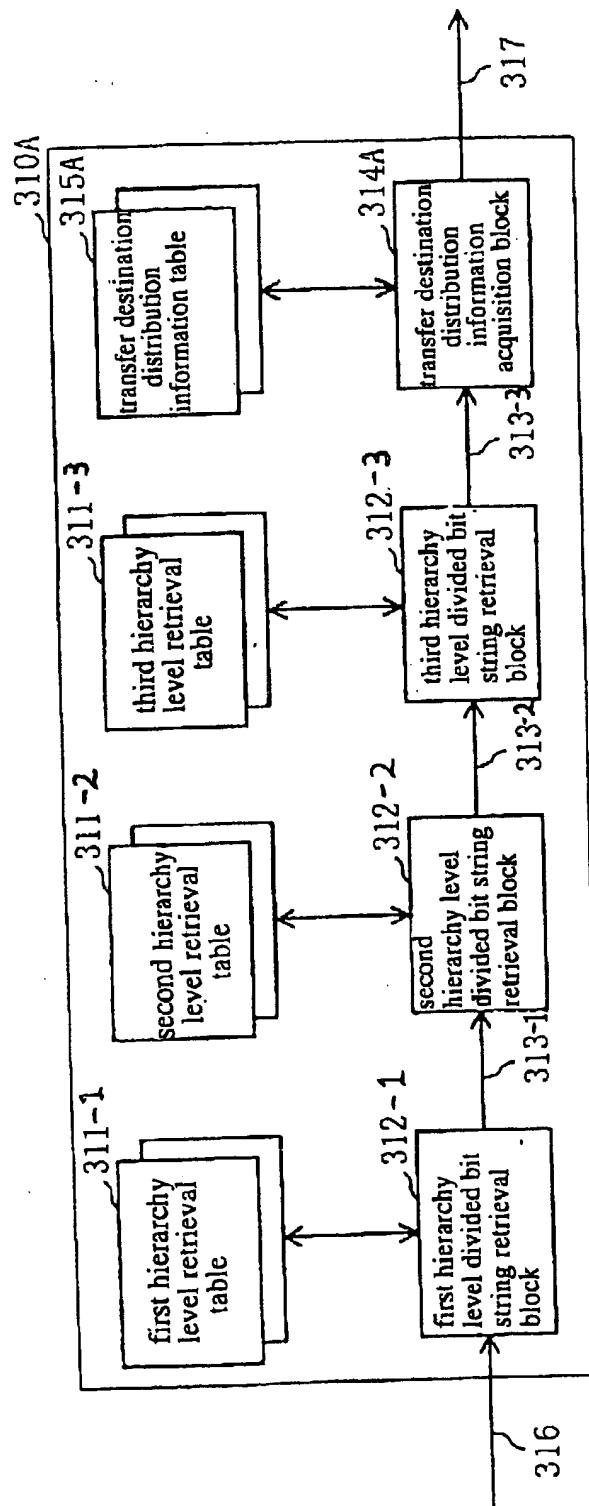
23/25

FIG. 23



24/25

FIG. 24



25/25

FIG. 25

